

Application Brief – Disaster Recovery



Imagine a major network outage – your fiber optic cable has been severed by a construction crew or an earthquake has severed your network feed. It is a critical link between buildings.
What do you do?

Your insurance policy is an fSONA SONAbeam™. The fSONA SONAbeam™ offers you rapidly deployable, secure high bandwidth restoration services. fSONA's next generation Free Space Optics (FSO) products offer fiber-like data rates and availability with the true simplicity and ease of use of a wireless solution. fSONA's FSO solution can be rapidly deployed to support your emergency needs. As an example, a SONAbeam™ can be installed in less than 30 minutes, once power and data connections are routed to the site, using fSONA's simple alignment system. Indoor (through windows) or outdoor installations are possible.

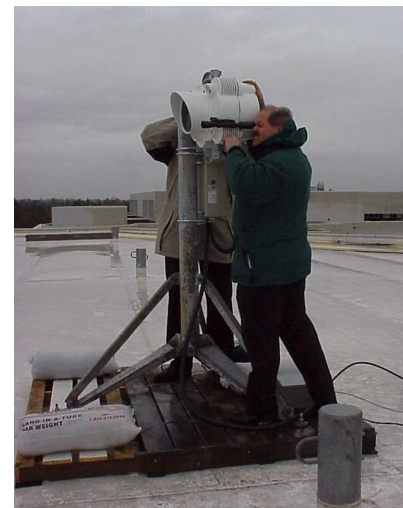
Better yet, SONAbeams™ can be deployed proactively to provide diverse path backup for your critical links. In the event of an emergency causing the primary path to fail – the data is automatically routed over the fSONA SONAbeam™ path minimizing downtime for your network users

SONAbeam™ technology provides high speed wireless connections using invisible and eyesafe light beams in distances up to several miles. Our products are quickly installed and can be moved around as applications dictate.

Benefits of using fSONA SONAbeam™

- » Rapid Deployment /Redeployable
- » Secure
- » Real “Broadband” from OC3-OC12, FastE and GigE
- » No licensing/No Interference
- » Eyesafe @ 1550nm

In today's environment, networks are critical to an organization's survival. Natural disasters, terrorism and equipment failures highlight the need for diverse communications paths and Disaster Recovery Planning.



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Are the products reliable and robust?

fSONA's products are extremely reliable, rugged and robust. Our units have been tested at temperature extremes and winds up to 160 km/h (100 mph). Our products are overengineered so that you can depend on them during times of crisis. Our units have survived hurricanes and remained fully functional. They can be warehoused and deployed rapidly. Deployment can be to a temporary field location or from building to building. FSO products were used during the WTC disaster to provide emergency links to major companies.

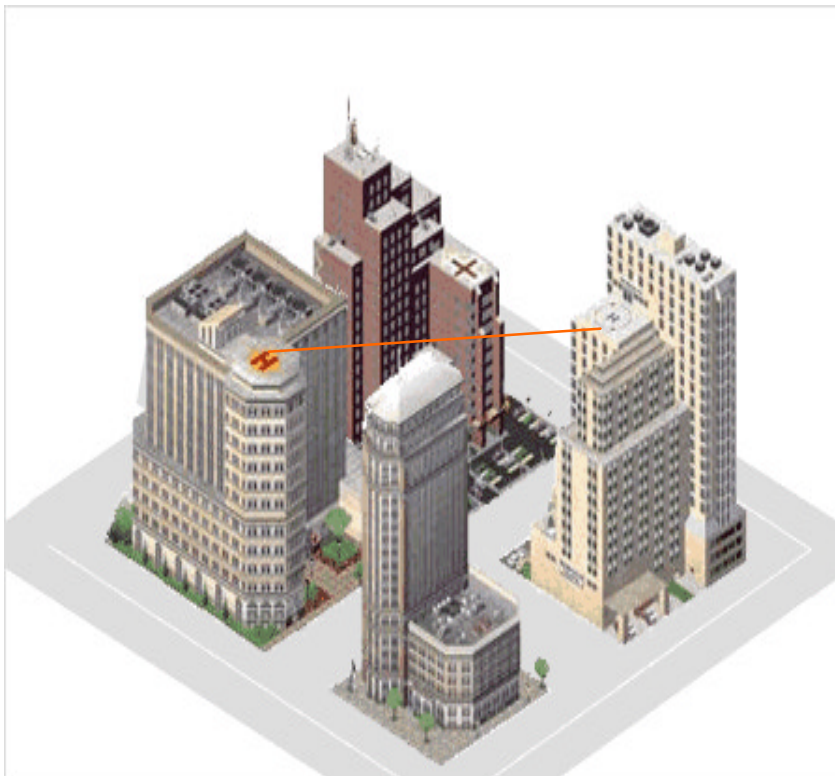
Is it new technology?

No, the military was one of the first major users of FSO, both in field and air-to-air use in the past 10-15 years. fSONA's products are third generation FSO technology, built by leading engineers in the field of laser and satellite communications.

Is it easy to Install?

Setting up a communications link requires a minimum of effort and can be performed by technical staff that have fSONA training.

1. Select locations within the fSONA SONAbeam™ range
2. Mount SONAbeam™ on structure: in the case of field deployments this can be on portable tripods.
3. Align SONAbeam™
4. Plug in power, communications links
5. You're ready to go.



Please contact your local fSONA representative for more details on our Disaster Recovery solutions.

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